

ABSTRACT OF THE DISCLOSURE

In an image processing apparatus, a stereo image is photographed by fitting a stereophotographic adapter to a camera for photographing an object image. A depth map representing a depthwise distribution of an object is extracted from the stereo image. A multi-viewpoint image sequence of the object looking from multiple viewpoints is generated based on the stereo image and the depth map. A three-dimensional image is synthesized based on the multi-viewpoint image sequence. Further, a printer prints the three-dimensional image for enabling a stereoscopic image of the object to be observed with an optical member such as a lenticular sheet.